

Frank Rose

TO
THE HONORABLE HUBERT C. LAMBERT
STATE ENGINEER
OF
THE STATE OF UTAH

Transmitted herewith is the Water Commissioner's
Report for the Waters of the Parowan Valley System
for the year 1969

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Parowan Valley is located in the Northern part of Iron County, Little Salt Lake occupies the lowest part of the valley, elevation around 5500 ft. Brian Head Peak, elevation 11,229 ft. is the highest point on the Markagunt Plateau, which is on the South and East of the valley. Most of the pump wells are within a area about 20 miles long and 4 miles deep, roughly parallel to the Little Salt Lake.

The Markagunt Plateau, provides most of the water, both surface and underground that feeds into the Parowan Valley. The center of the valley is supplied with surface water from Parowan Main Canyon and its tributaries, in the summer months water stored in Yankee Meadows Reservoir, with a capacity of 1100 acre feet, and Robinson Reservoir are released to supplement streams. Water stored in the COOP Valley which is between Yankee Meadows and Paragonah Reservoir are released through a man made tunnel and are used on the Adams Ranch in the valley. Red Creek (Paragonah Reservoir) stores up to 761 acre feet of water, it too is released in the summer to supplement stream flow. Summit Creek provides surface water for fields north of Summit, on the south west end of the valley. Run off from snow pack, and some heavy storms enter Little Salt Lake from the Fremont Wash in the north east end of the Valley, but little if any surface irrigating is done with this water.

In January, 1967, Mr. Hubert C. Lambert, State Engineer for Utah sent an order to each landowner who used underground water pumped from wells on five (5) or more acres of land, instructing the land owner to equip his well with a totalizing meter that would record the amount of water used on his land during an irrigation season.

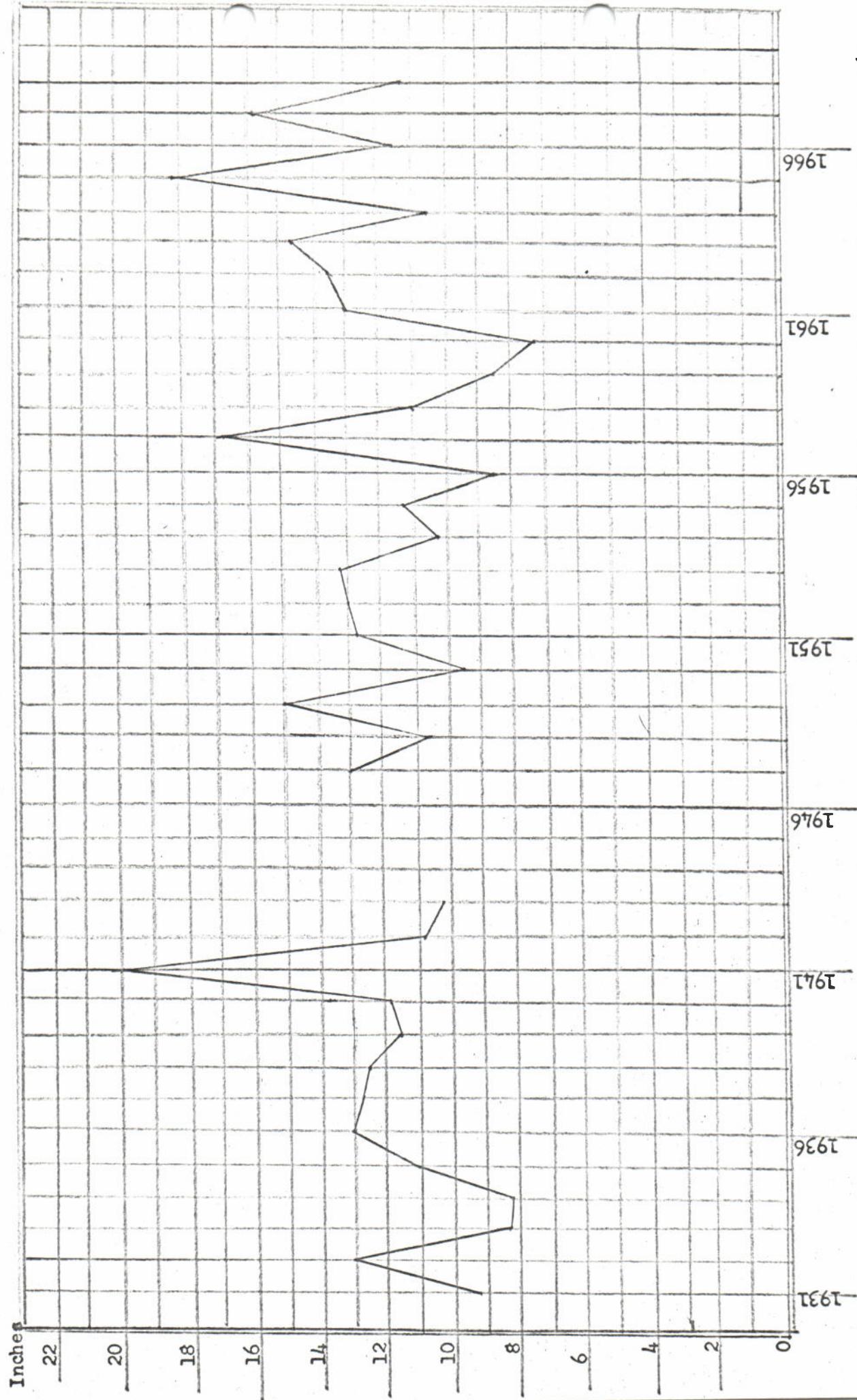
The Parowan Valley Pumpers Group investigated several makes of meters, then called for bids. They accepted a bid for a meter manufactured by the Rockwell Company, they installed meters on most of the pumps in the valley. Some meters failed very soon, the company was notified, and they sent men to diagnose the trouble, they felt that it was a sand problem in the bearings and changes were made in all of the meters to correct this.

Seven readings have been made this summer, and each time around the valley 7 to 10 meters have been out of order. Some were carry over's from the previous trip. The policy has been to notify the owner of a broken meter, and if not fixed the next month, a letter has gone out from the Area Engineer's Office. But in some instances meters have been out of order most of the summer, and are still out. Also several idle wells have been started for the first time since the meter order, these were pumped with out meters.

*Failure
of meters*

It has taken too long to get the meters back in working order, this makes for inaccurate records, wasted trips, and distorts the true picture of water withdrawals, and what use is being made of the water. I feel that the Rockwell Company should be approached, to see if they won't put a stock of parts here with their repairman on a pay-as-you-use basis, since most of the meters were manufactured by them, and excessive failures.

The past years budget has been generally adequate, but more wells to read next year will have to be taken into consideration. Purchase of a calculator should be made if meter reading is to be a continuing thing. The slide rule is only accurate to about 3 places, and some of the figures in this report delt in millions of gallons. With no decimal places on a slide rule mistakes of 10, 100, or 1000, are easy to make. A inexpensive stop watch should be obtained for reading gallons per minute of flow, there has been several instances where this information could be used this past year.



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	NAME OF WATER USER	W.U.C. No.	Decreed Water Right Acres Well	Water Allowed 1969 Surface	Water used Acre Feet 1969 Well	Water used Acre Feet 1969 Surface	Unused Balance	Remarks
1	Abbott Thomas R. to Dotson Chancel G.	58	90.40	361.60	— o —	—	361.60	Not pumped
2	Adams D. Watson, Et al 263, P.O. Box 425, Parowan Ut.		20.00	80.00	— o —	80.00		Not metered flowing well
3	Adams, Elaine S. Box 292, Parowan, Ut.		83,129 292.70	1170.80	574.66	596.14		Two wells
4	Adams, Harvey Box 92, Parowan, Ut.	87	195.00	780.00	584.00	196.00		
5	Adams, Harvey Parowan, Utah 84761	437	5.70	22.80	— o —	—		Not metered flowing well
6	Adams, Howard M. % Randall Adams Parowan, Utah 84761	71	14.3.00	572.00	450.00	122.00		
7	Adams, Lavell I.(Mrs.)46,39 Box 92, Parowan, Utah			432.00	Slough Creek Drain, not measured			Not metered flowing well
8	Adams, Ray H. Parowan, Utah 84761	88,	*200.00	800.00	— o —	800.00		*Pending well not drilled
9	Barton, Scott, et al 79, Box 181, Paragonah, Ut.		67.50	270.00	— o —	270.00		
10	Bauer, Wesley P. & Ilia 607 S. 300 East Cedar City, Utah		suppl. with *93.0 surface for 115,	372.00	22.48 not measured	349.52		*Pending
11	Bayles, Golden % R.M. Lyman Parowan, Utah 84761	53,116,/320.00		1280.00	246.07	1033.93		W.U.C. 116 pending for 124.6, acres
12	Bayles, Herman E. Parowan, Utah 84761 147,255, 334,			940.00	454.42	485.58		Two Wells

NAME OF WATER USER	W.U.C. NO.	Decreed water right Well Surface	Water allowed 1969	Water used Well Surface	Unused acre feet 1969	Balance 1969	Remarks
12 Bayles, John Gaylen Box 139, Parowan, Ut.	139	100.00	400.00	224.00		176.00	
13 Beaver Valley Grazing Association, Beaver, Ut. 84713		Fremont wash	707.60	— o —	707.60		2 wells not pumped, surface not measured
14 Benson, Joseph D. Parowan, Utah 84761	419,420	58.50	234.00	135.91		98.09	
15 Bentley, Charles F. Box 173, Parowan, Ut.	249,252	45.00	180.00	/ 8 o o o	— o —	4 flowing wells not metered	
16 Bentley Hyatt Parowan, Utah 84761	250,362	65.00	260.00	242.24		17.76	
17 Bills, Kenneth W. 1030 Bradborne Ave. Sp 23 Duarte, Calif.	3,245,246,	79.30 372,373	317.20	— o —	317.20		not pumped
18 Boardman, L. Homer & Wm. S., % Wm. S. Boardman P.O. Box 157 Paragonah, Utah 84760	293,1328	5.0	20.00	2 o. o o	— o —		flowing well not metered
19 Bonneville Investment Co. 1591 Parkway Ave. Salt Lake City, Utah 84106		*400.00	1600.00	— o —	1600.00		*pending not pumped
20 Boylan, George, et al	446,561	10.00	40.00	4 o. o o	— o —		not metered flowing well
Brown, Leslie, et al Box 90 Santa Clara, California	110	*150.00	600.00	— o —	600.00		*pending proof well flows
21 Brown, Leslie, et al	156,157 158,159	40.00	160.00	/ 60.00	— o —		not metered 4 flowing wells

NAME OF WATER USER	W.U.C. NO.	Decreed Water Well	Right Surface	Water Allowed	Water used acre feet 1969 Well Surface	Unused Balance 1969	Remarks
2 2 Buckhorn Development	93,94,95, 97,98,99, 101,102, 103,104 100,	*1920.00		7680.00	- -	7680.00	*11 Wells, Pending proof
2 3 Bunn, Earl Q. Box 473, Parowan, Ut.	33,	76.20		304.80	274.92 } 4/4.92 140.00 }	29.88	not metered, 2 flowing wells)
Bunn, Earl Q. to Charles Chamberlin	356,415,416,	35.00					
2 4 Burton, Charles F. Box 32, Parowan, Ut.	55,	155.90		623.60	510.80	112.80	
Church, L.D.S. Parowan, Stake Parowan, Utah	132,297, 301,	281.10		1124.40	840.68	283.72	
2 6 Dalton, Charles H. Box 31, Parowan, Ut.	140,299, 324,325,	140.90		563.60	631.02	Over 67.42	
2 7 Dalton, Warren A. P.O. Box 97 Parowan, Utah 84761	62,142,364, 365,366, 367,	*284.70		1138.80	632.00	506.80	
2 8 Day Farms Company P.O. Box 596 Parowan, Utah 84761	16,290,292, 385,386,433, 434,384,	310.00		1240.00	767.12 } 22.12	472.88 2 wells	
Day Farms Company	390,444,445	14.00		56.00	54.00		
Evans, Alma	85,	160.00		640.00	293.61	346.39	
3 0 Evans, Arthur B. Parowan, Utah 84761	137,	120.00		480.00	146.00 } 20.00 54.40	334.00	
3 1 Evans, Arthur B. Summit, Utah 84772	138,	13.60		54.40	54.40	— —	not metered flowing well
	51,76,105	186.80		747.20	903.22	— —	over 156.02

NAME OF WATER USER	W.U.C. no.	Decreed Well	Water Right Surface Allowed	Water Used	Unused Balance 1969	Remarks
33 Evans, Delaine Box 451 Parowan, Ut.	145,	59.00	236.00	212.05	23.95	
34 Evans, Jay Lowell Box 109, Parowan, Ut.	80,	58.70	234.80	212.16	21.84	
34 Eyre, William M. Box 125, Parowan, Ut.	96,216,	*200.00	800.00	68.73	731.27	
Eyre, William M.	201,202	24.20	96.80	74.80	263.29	Not metered 2 flowing wells)
Eyre, William M. et al	206, 207,208, 209,210, 211,212, 213,214,1324	95.80	383.20	119.91		
34 Farrow, John M. Summit, Utah 84772	34,78,	95.30	381.20	188.50	192.70	No History to Estimate factor
Farrow, John M.	119,	114.45	457.80	63.16	394.64	
34 Farrow, Lyle B. Summit, Utah 84772	50,	68.10	272.40	305.26	over 32.86	
34 Farrow, Raymond Lee Summit, Utah 84772	520	111.40	445.60	1969 usage on W.U.C. no. 119, but same well		
34 Fenton Patrick H. Cedar City, Utah	40,60, 61,	*860.00	3440.00	143.20	3296.80	2 wells, W.U.C. 61) pending for 200 acs.W.U.C. 1425 pending for 395 acs.
40					2820.00	2369.69
41 Gurr Farms Company Parowan, Utah 84761	74,133.165,	705.00			450.31	5 wells
	168,169,344, 345,346,347, 348,349,350, 354,1155, 351,352,353, 72					
42 Hall, Helen Hurricane, Utah	618.40	—	618.40	not pumped		

NAME OF WATER USER	W.U.C. no	Decreed Water Right Well	Right Surface	1969 Water Allowed	Water used acre feet 1969 Well Surface	Unused Balance 1969	Remarks
43 Halterman, Clifton P.	430, Box 68, Parowan, Utah	11.70		46.80	46.80	46.80	flowing well not metered
44 Halterman, Lyle O.	Box 143, Parowan, Ut.	236,665	255.00	1020.00	1253.29	233.29	two wells over
45 Heaton, Norman I.	284 South 800 West Cedar City, Utah 84720	149,150,151, 152,152,226, 227,228,229, 230,231,232, 233,234,235, 388,389,	65.00	260.00	260.00	not metered 17 flowing wells)
46 Holyoak, Arlo S.	Box 2, Parowan, Ut.	828	90.50	362.00	134.90	227.10	
47 Holyoak, Glen S. & Scott L. Orton	Parowan, Utah	77	90.50	362.00	—	1969 use recorded above, W.U.C. no 828	
48 Judd, Albin	Paragonah, Utah 84760	73	163.00	652.00	282.88	369.12	
49 Limb, Wallace E.	500 N. 300 W. Cedar City, Utah 84720	114	*160.00	640.00	43.40	596 .60	*pending
Limb, Wallace E.		1060 1061	8.60	34.40	34.40		not metered flowing well
Limb, Wallace E.		558	*80.00	320.00	—	320.00	*pending
50 Limb, Wallace E. & Limb, William U.		43, 57,975	104.20	416.80	—	416.80	
51 Limb, William U.	268 North 400 W. St. George, Utah 84770		*160.00	640.00	220.00	420.00	*W.U.C. 1242 is pending for 96.0 acres
52 Lister, Claude R.	Box 457, Parowan, Utah	81	Suppl.	640.00	425.17	214.83	Parowan Res.

NAME OF WATER USER	W.U.C. No.	Decreed water right well	Water allowed surface	Water used acre feet 1969 well	Unused balance 1969	Remarks
5-2 Lister, Joseph Edgar P.O. Box 291 Hawthorn, Calif. 90250	271,272, 273,1381	20.00	80.00	80.00		not metered 6 flowing wells
5-4 Loosely, George B. Parowan, Utah 84761	508,509,510 511,512,513 514,515,516 517,	30.00	120.00	120.00		not metered 10 flowing wells
5-5 Lyman, Donald Ray 1170 Nocturne Drive Salt Lake City, Utah 84116	52	119.40	477.60	489.80	12.20 over	
5-5-A Lyman, Rulon M. Box 84, Parowan, Ut.	359	125.40	501.60	390.30 <i>(724.58)</i>	111.30	
5-6 Mitchell, Harold S. Parowan, Utah	203,425, 426,427,	81.00	324.00	234.58	89.42	
Mitchell, Harold S. Parowan, Utah	242,244,319, 320,321,322, 340,341,	91.00	364.00	364.00		not metered 9 flowing wells
Mitchell, Harold S.	154,309,310	14.10	56.40	56.40		not metered 3 flowing wells
Mitchell, Harold S.	1063,1064	8.10	32.40	32.40		not metered 2 flowing wells
Mitchell, Harold S.	134	9.30	37.20	37.20 <i>(724.58)</i>		not metered flowing well
5-7 Morris, Carl G. to Alton Pendleton Parowan, Utah	448,449,450, 451	40.00	160.00	160.00		not metered flowing well
5-8 Munford, Budd Box 26, Parowan, Utah 128,323,		133.00	532.00	3.67	528.33	Estimated no meter
5-9 Olson Fred R. 832 Orange Drive Oxnard, Calif. 93030	67	40.00	160.00	36.60	123.40	

NAME OF WATER USER	W.U.C. No.	Decreed water right well	Water right surface	Water allowed 1969	acre foot 1969 well	Water used 1969 surface	Unused balance 1969	Remarks
Olson, Fred R. 832 Orange Drive Oxnard, Calif. 93030	69,303,304 305,306,307,	*120.00		480.00	1969 use recorded on previous page under W.U.C. no. 67	*W.U.C. 69 pending 100 acs., 5 flowing wells not metered		
Orton, Hills Box 293, Parowan, Ut.	,291,360,	55.90		223.60	33.68	189.92		
Orton, Reed L. P.O.Box 285 Parowan, Utah 84761	,11,12,13,14, 15,221,254, 279	/1830		633.20	490.05	143.15		
Paragonah Town Parowan, City Corporation Parowan, Utah 84761	1457			*160.00	—	160.00		*from spring
Parowan Reservoir Co. Parowan, Utah 84761	6,35,37,977, 980,1216			Parowan2592.44 Main Cr.	11.30	not measured		
Pendleton, Alton Parowan, Utah 84761	276,403, 404,405,	46.20		Parowan12950.80*1217.08 Main Cr.	not measured	*from 11/23/68 to 12/13/69		
Pickett, Jess W. Parowan, Utah 84761	183,184,185, 186,187,188, 189,190,191, 192,193,194, 195,196,197	2666.00		1064.00	375.24	58.92 over	688.76	2 wells
Robinson, C.L. Parowan, Utah 84761	205	152.90		611.60	320.00	291.60		
Robinson, Leon D. and Robinson, Kenyon D. Parowan, Utah 84761	173,641,	229.10		916.40	599.11	317.29	1 well, $\frac{1}{2}$ interest ea.	160.92
Rowley, Clair W. % Glenn Halterman Parowan, Utah 84761	182 241	200.00 120.00		800.00 480.00	639.08 444.56	35.44		

